### EAST Search History \_ \tag{\tau}

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	126	(\$6array or biochip or biosensor)with (HLA or (human near2 leukocyte near2 antigen))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 14:05
S2	6	(affy\$9.as. or agilent.as. )and ((HLA or (human near2 leukocyte near2 antigen)) same \$6typing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 14:22
S3	15	"5550039" or "6924094"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 14:22
S4	86	("20030054378" "4134792" "4230797" "42 38565" "4336173" "4421660" "4490436" "4 554088" "4582788" "4654267" "4683195" " 4683202" "4774265" "4800159" "4965007"  "4965188" "5091206" "5119801" "5130238 " "5143854" "5232782" "5270184" "528307 9" "5288514" "5312233" "5312728" "53187 97" "5348855" "5384261" "5395688" "5541 061" "5545531" "5556752" "5561071" "564 8211" "5677195" "5702885" "5834121" "60 04745" "6024138" "6150097" "6156508" "6 300076").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/09/04 14:22
S5	7	S4 and ((HLA or (human near2 leukocyte near2 antigen)) same \$6typing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 11:51
S6	86	("20030054378" "4134792" "4230797" "42 38565" "4336173" "4421660" "4490436" "4 554088" "4582788" "4654267" "4683195" " 4683202" "4774265" "4800159" "4965007"  "4965188" "5091206" "5119801" "5130238 " "5143854" "5232782" "5270184" "528307 9" "5288514" "5312233" "5312728" "53187 97" "5348855" "5384261" "5395688" "5541 061" "5545531" "5556752" "5561071" "564 8211" "5677195" "5702885" "5834121" "60 04745" "6024138" "6150097" "6156508" "6 300076").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 11:53
S7	1	S6 and ((HLA or (human near2 leukocyte near2 antigen)) and ((\$6array or biochip)same hybridiz\$8 same (detect\$3 or measur\$8)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON .	2007/12/03 11:56
S8	1746	((HLA or (human near2 leukocyte near2 antigen)) and ((\$6array or biochip)same hybridiz\$8 same (detect\$3 or measur\$8)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 11:56
S9	1069	435/6.ccls. and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 11:57

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S10	526	S9 and (control same (positive and negative))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 15:20
S11	192	S10 and (leukocyte\$3 or PBMC or lymhocyte\$3) and (magnetic near2 bead)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 12:00
S12	184	S11 and ((pcr or amplif\$9) same label\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 12:01
S13	77	S12 and (array same (redundant or multiple))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 12:28
S14	1	S13 and (array same (HLA adj typing))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 12:29
S15	16	S9 and (array same (HLA adj typing))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 12:42
S16	51	(\$5array or biochip)same ((HLA near3 typing) or (HLA adj genotyping) or (hla near2 gen\$5 near2 typing))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 12:45
S17	8250	435/6.ccls. and ((\$5array or biochip) same hybridiz\$8 same (detect\$3 or measur\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 15:19
S18	490	S17 and ((\$5array or biochip)same(control same (positive and negative)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 16:40
S19	259	probe same (control same (positive and negative and Hybridiz\$8 and immobiliz\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 15:26
S20	46	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 16:38
S21	4	"6943242"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 15:48
S22	1608	S17 and (\$5array same (validat\$5 or normaliz\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/03 16:39



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S23	58	S22 and ((\$5array or biochip)same(control same (positive and negative and hybridiz\$8 and immobiliz\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 11:49
S24		("20030054378" "4134792" "4230797" "42 38565" "4336173" "4421660" "4490436" "4 554088" "4582788" "4654267" "4683195" " 4683202" "4774265" "4800159" "4965007"  "4965188" "5091206" "5119801" "5130238 " "5143854" "5232782" "5270184" "528307 9" "5288514" "5312233" "5312728" "53187 97" "5348855" "5384261" "5395688" "5541 061" "5545531" "5556752" "5561071" "564 8211" "5677195" "5702885" "5834121" "60 04745" "6024138" "6150097" "6156508" "6 300076").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 11:49
S25	0	S24 and ((\$5array or biochip)same(control same (positive and negative and hybridiz\$8 and immobiliz\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 11:50
S26	31	(\$5array or biochip or biosensor or genosensor)same (probe same (positive same negative same hybridiz\$8 same immobiliz\$6)) same (deposit\$3 or immobiliz\$8 or fix\$3 or attach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 12:06
S27	14	S26 and (normaliz\$6 or validat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 11:58
S28	1	(probe adj design) same (positive same negative same hybridiz\$8 same immobiliz\$6) same (deposit\$3 or immobiliz\$8 or fix\$3 or attach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 17:20
S29	3	(gao.in. or ma.in. or zhang.in. or chen.in. or wang.in. or tian.in. orlan.in. or zhou.in. or cheng.in.)and(\$5array or biochip or biosensor or genosensor)same (probe same (positive same negative same hybridiz\$8 same immobiliz\$6)) same (deposit\$3 or immobiliz\$8 or fix\$3 or attach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 12:12
S30	10	(gao.in. or ma.in. or zhang.in. or chen.in. or wang.in. or tian.in. orlan.in. or zhou.in. or cheng.in.)and(\$5array or biochip or biosensor or genosensor)and (probe same (positive same negative same hybridiz\$8 same immobiliz\$6)) and (deposit\$3 or immobiliz\$8 or fix\$3 or attach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 12:16
S31	7	(\$5array or biochip or biosensor or genosensor) and ((immobiliz\$6 adj control adj probe)) same (deposit\$3 or immobiliz\$8 or fix\$3 or attach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 12:52

# EAST Search History — 4

S32	7	(immobiliz\$6 adj control adj probe)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR -	ON	2007/12/06 13:00
S33	462	(immobiliz\$6 adj control)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 13:00
S34	15	(immobiliz\$6 adj control) same (\$5array or biochip)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/06 13:01
S35	121	(\$5array or biochip or biosensor or genosensor) and (hybridiz\$8 same (positive and negative)same(signal or intensity) same ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 08:41
S36	92	S35 and (ratio same (greater or more))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 08:26
S37	72	S36 and 435/6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 08:33
S38	7	S37 and (ratio same greater same three)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 08:29
S39	44	(\$5array or biochip or biosensor or genosensor) and (hybridiz\$8 same (positive and negative)same(signal or intensity) same (normaliz\$6 or validat\$3) same ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:40
S40	37	S39 and 435/6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 08:33
S41	0	(\$5array or biochip or biosensor or genosensor) near5 ((positive and negative)same(signal or intensity) same (normaliz\$5 or validat\$5) same ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 08;47
S42	89	(\$5array\$2 or \$3chip or \$4sensor) same ((positive and negative)same(signal or intensity) same (normaliz\$5 or validat\$5) same ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:09
S43	61	S42 and 435/6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 08:49
S48	28	435/6.ccls. and ((leukocyte or lymphocyte) same (magnetic adj bead) and (target same hla))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:29

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S49	299	435/6.ccls. and ((leukocyte or lymphocyte) same (magnetic adj bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:35
S50	0	S49 and ((\$5array\$3 or \$3chip or \$4sensor) same hybridiz\$8 same (target same (hla or histocompat\$9 or mhc)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:38
S51	148	S49 and ((\$5array\$3 or \$3chip or \$4sensor) and hybridiz\$8 and (target same (hla or histocompat\$9 or mhc)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:39
S52	125	S49 and ((\$5array\$3 or \$3chip or \$4sensor) same hybridiz\$8 and (target same (hla or histocompat\$9 or mhc)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:32
S53		(hybridiz\$8 same (positive and negative)same(signal or intensity) same (normaliz\$6 or validat\$3) same ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:44
S54	0	S52 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:41
S55	3	S52 and ((normaliz\$6 or validat\$3) same ratio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR ,	ON	2007/12/07 09:43
S56	1653	hybridiz\$8 same (positive and negative)same(signal or intensity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:38
S57	. 3	S52 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 09:45
S58	28	S48 and (human or homosap\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:24
S59	406	(leukocyte\$2 or lymphocyte\$3) same (human or homosap\$6) same (magnetic adj bead) and (target same (hla or mhc or histocompat\$9))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:31
S60	273	S59 and ((\$5array\$3 or \$3chip or \$4sensor) same hybridiz\$8 and (target same (hla or histocompat\$9 or mhc)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:35
S61	5	S56 and S60	US-PGPUB; USPAT; EPO; JPO; DER:WENT	OR	ON	2007/12/07 10:34

## EAST Search History — 6

S62	152	S59 and ((\$5array\$3 or \$3chip or \$4sensor) same hybridiz\$8 same (detect\$5 or measur\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:36
S63	109	S62 and ((control same (positive and negative))and ((signal or intensity)same ratio))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 10:39
S64	101	(control adj probe) same (positive and negative) same (\$5array or \$3chip or \$5sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 17:50
S65	3	S64 and ((negative adj probe) same mismatch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 17:25
S66 .	11	S64 and ((negative adj probe) and mismatch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ÒИ	2007/12/07 17:25
S67	60	(control adj probe) same (positive and negative and hybridization) same (\$5array or \$3chip or \$5sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 18:01
S68	23	(control adj probe) same negative same mismatch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/12/07 18:02